



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Masaru Takayama Confirmation No.:
Serial No. : 10/816,122
Filed : April 1, 2004
TC/A.U. :
Examiner :

Docket No. : 04-248
Customer No. : 34704

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with the requirements of 37 CFR 1.97 and 1.98,
Applicant hereby submits the documents listed hereinbelow, copy
enclosed.

- (1) Japanese Patent Laid-Open No. 2001-289311 (published on
October 19, 2001). This patent is attached hereto.

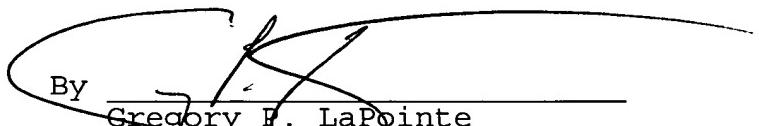
The undersigned submits the above-identified references for
independent consideration by the Examiner and does not make any
admission that these references are or are not material to the

present invention or that these references are or are not prior art with respect to the present invention.

Respectfully submitted,

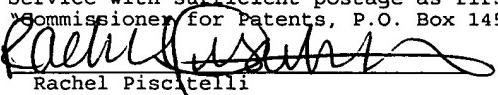
Masaru Takayama

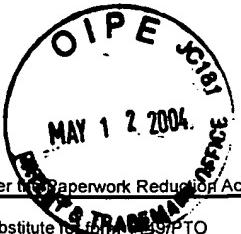
By _____


Gregory P. LaPointe
Attorney for Applicant
Reg. No.: 28,395
Tel: (203) 777-6628
Fax: (203) 865-0297

Date: May 10, 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313" on May 10, 2004.


Rachel Piscitelli



PTO/SB/08A (08-03)

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Substitute for ~~Form~~ PAGE 19 PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/816,122
Filing Date	April 1, 2004
First Named Inventor	Masaru Takayama
Art Unit	
Examiner Name	
Attorney Docket Number	04-248

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ³Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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